

Title (en)
Composition for stabilizing halogen-containing polymers

Title (de)
Zusammensetzung zur Stabilisierung von halogenhaltigen Polymeren

Title (fr)
Composition pour stabiliser des polymères contenant de l'halogène

Publication
EP 2083044 B1 20200729 (EN)

Application
EP 09151014 A 20090121

Priority
IT MI20080097 A 20080123

Abstract (en)
[origin: EP2083044A1] The invention concerns a composition for stabilizing halogen-containing polymers, in particular polyvinyl chloride (PVC) and chlorinated polyvinyl chloride (C-PVC) comprising a) disodium adipate, and b) at least one compound selected from the group consisting of $M(\text{ClO}_4)_k$ and $(\text{CF}_3\text{SO}_2)_n\text{M}$ wherein M is selected from the group consisting of H^+ , Li^+ , Na^+ , K^+ , Mg^{2+} , Ca^{2+} , Ba^{2+} , Zn^{2+} , Al^{3+} and NH_4^+ and k and n are 1, 2 or 3 depending on the valency of M. Also described is a halogenated resin in a rigid or plasticized formulation comprising a halogen-containing polymer and a stabilizing composition according to the invention.

IPC 8 full level
C08K 3/30 (2006.01); **C08K 3/014** (2018.01); **C08K 3/16** (2006.01); **C08K 5/00** (2006.01); **C08K 5/098** (2006.01); **C08K 5/42** (2006.01); **C08L 27/06** (2006.01)

CPC (source: EP US)
C08K 3/014 (2017.12 - EP); **C08K 3/16** (2013.01 - EP US); **C08K 3/30** (2013.01 - EP US); **C08K 5/005** (2013.01 - EP); **C08K 5/0091** (2013.01 - US); **C08K 5/098** (2013.01 - EP US); **C08K 5/42** (2013.01 - EP US)

C-Set (source: EP US)
EP
1. **C08K 3/16 + C08L 27/06**
2. **C08K 5/098 + C08L 27/06**
3. **C08K 5/42 + C08L 27/06**
US
1. **C08K 3/16 + C08L 57/08**
2. **C08K 3/30 + C08L 57/08**
3. **C08K 5/0091 + C08L 57/08**
4. **C08K 5/098 + C08L 57/08**
5. **C08K 5/42 + C08L 57/08**

Citation (examination)
• US 2004140455 A1 20040722 - FOKKEN STEFAN [DE], et al
• US 2004242739 A1 20041202 - DAUTE PETER [DE], et al

Cited by
WO2011054537A1; WO2020053157A1; CN106633505A; CN105647051A; CN105647066A; CN105566806A; EP2363431A1; CN105623142A; KR20150133236A; CN105209532A; CN105885292A; CN107460603A; US10202500B2; WO2014154520A1; WO2014143623A1; WO2014150743A1; EP2970631B1; EP2970630B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2083044 A1 20090729; EP 2083044 B1 20200729; IT MI20080097 A1 20090724; US 2009186989 A1 20090723

DOCDB simple family (application)
EP 09151014 A 20090121; IT MI20080097 A 20080123; US 35720909 A 20090121